

# Statewide Public and Specialized Transportation Provider Inventory

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TRANPRO Website: <http://www.utc.uic.edu/tranpro/>



# Coordination Needs in Illinois and UTC Participation

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- The Interagency Coordinating Committee on Transportation (ICCT), created to aid in the state's coordination efforts, has identified five trends that could be positively impacted by coordination efforts:
  - 1) Limited job access for disadvantaged populations
  - 2) Fragmentation and duplication of transportation services
  - 3) Absence of uniform of planning process in rural areas
  - 4) Insufficient state level coordination efforts among local transportation providers
  - 5) Lack of partnerships between providers and stakeholders in planning services(ICCT, 2006, 6)
- UTC participated in an interagency coordinating committee in 2000-2001 as part of our IDHS JARC grant activities. Under this project, we developed a database of transportation providers funded by various state agencies, including IDOT, IDHS, DOA, DCCA, and others as a desktop application of MS Access, with built in querying and reporting capabilities.
- When the ICCT was formed, we participated in work groups, including the development of a transportation provider database based on our previous work. NIPC geocoded our provider database by the zip code from agency contact information. The Greater Chicago Housing and Community Development Website hosted the data through an ArcIMS application.



# Project Scope

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- Build upon previous work done at UTC to create a database of transportation providers and their characteristics, including a spatial component defining service areas
- Create a Geographical Information Systems (GIS) application integrating provider data with regional socio-economic data.
- Develop an interactive website that serves as an interface to receive and deliver the shared data.
- Future development will involve the customization of the system to serve specific stakeholder needs
  - IDOT
  - Regional Planning Commissions; specifically Human Service Transportation Plan (HSTP) coordinators
  - Mobility Managers
  - Public stakeholders and agencies (including agencies promoting coordination, agencies providing transportation or seeking to identify regional transportation services)



# Comprehensive Provider Inventory

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- HSTP coordinators supplied us with their first-round provider inventories of all known transportation providers within their region, including some specific service-related information.
- We created a geocoded database composed of IDOT grantees and agencies named in the HSTP transportation provider inventories. We also included limited service-level data.
- Title IIIB and Title XX provider data were obtained from IDOA and added to the database.
- We then published the initial statewide inventory.



# Provider Data

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**Current Data Sources:** IDOT grantees, Regional Planning Commissions (HSTP Provider Inventories), Illinois Department on Aging (IDOA)

Data are divided into two types of providers:

**Public Transportation Providers** are identified as entities receiving operating funds under 5307, 5311 or DOAP grants. These grants may be provided directly or administered through a township, municipal or county government.

**Human Service Transportation Providers** are identified as the human service agencies that manage and sponsor transportation services. These include providers not receiving operating funding from IDOT.

**Funding Streams:** IDOT 5307, 5311, DOAP, 5310, JARC and New Freedom, and Human Service Title IIB and Title XX grantees are identified.



Click on a regional planning agency or an HSTP to view its transportation providers. You may use the interactive map to select and view transportation providers by county, or else use the county list provided below.

Chicago Metropolitan Agency for Planning  
Planning agency for: [HSTP 0](#)

North Central Illinois Council of Governments  
Planning agency for: [HSTP 1](#) [HSTP 3](#)

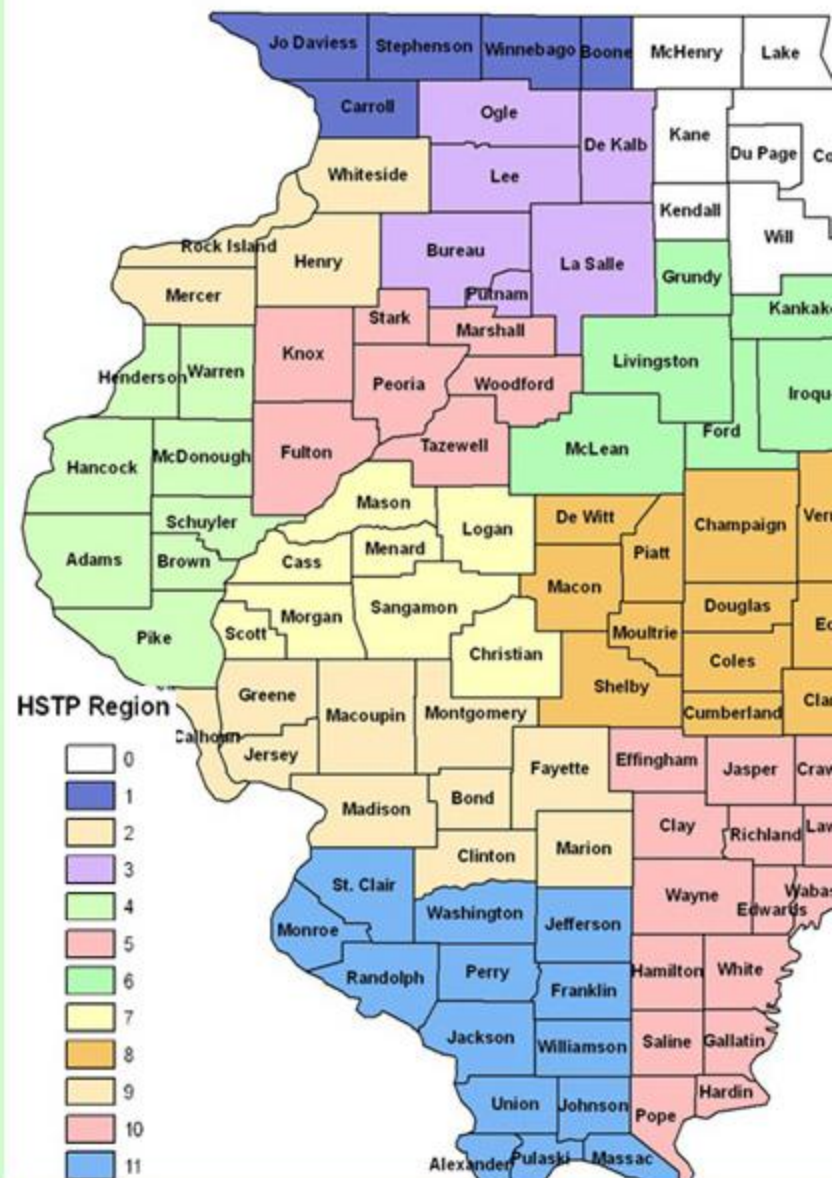
Bi-State Regional Commission  
Planning agency for: [HSTP 2](#)

Tri-County Regional Planning Commission  
Planning agency for: [HSTP 5](#)

Western Illinois Regional Council  
Planning agency for: [HSTP 4](#) [HSTP 7](#)

Champaign County Regional Planning Commission  
Planning agency for: [HSTP 6](#) [HSTP 8](#)

South Central Illinois Regional Planning & Development Comm.  
Planning agency for: [HSTP 9](#) [HSTP 10](#) [HSTP 11](#)







## **ADAMS COUNTY TRANSPORTATION PROVIDERS**

RPC: Western Illinois Regional Council  
HSTP 4

### **Public Transportation Providers**

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[City of Quincy](#)

[Quincy Transit Lines](#)

### **Human Service Transportation Providers**

[Timber Point Health Care Center](#)

[Adams County Mental Health Center](#)

[Transitions of Western Illinois](#)

[Adams County Council for Senior Citizens](#)





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Adams County Council for Senior Citizens  
Shay Darnell, Exec Director  
639 York St, Room 106  
Quincy, IL 62301  
phone: 217-228-0557  
fax: 217-228-0557

Organization Type: Private Nonprofit  
Senior Services

Service Area: Adams County

Transportation Services:

1. Demand Response

Schedule: Monday-Friday 8:00am-5:00pm

Eligibility Requirements: 60+ years

Fare: Suggested Donation \$2.50 one-way within Quincy, \$6.00 one-way  
within Adams County

Minimum Reservation Notice: 24 hours

2. Demand Response

Paratransit bus service does a grocery run every Monday to Nieman Foods at  
no charge to the riders. Leaves from Sunset Apts, 301 N. 8th Street at 9:00am  
& 1:00pm. Lampe High Rise, 527 Broadway at 1:00pm. Lincoln Douglas Apts,  
101 N. 4th Street at 1:00pm

Eligibility Requirements: 60+

Fare: None

IDOT Grants Awarded:

5310 Capital Assistance; Award Year: 2008

Human Services Senior Transportation Grants Awarded:  
Title IIIB

RPC: Western Illinois  
Regional Council

HSTP 4

Counties Served: Adams



# GIS & Data Integration

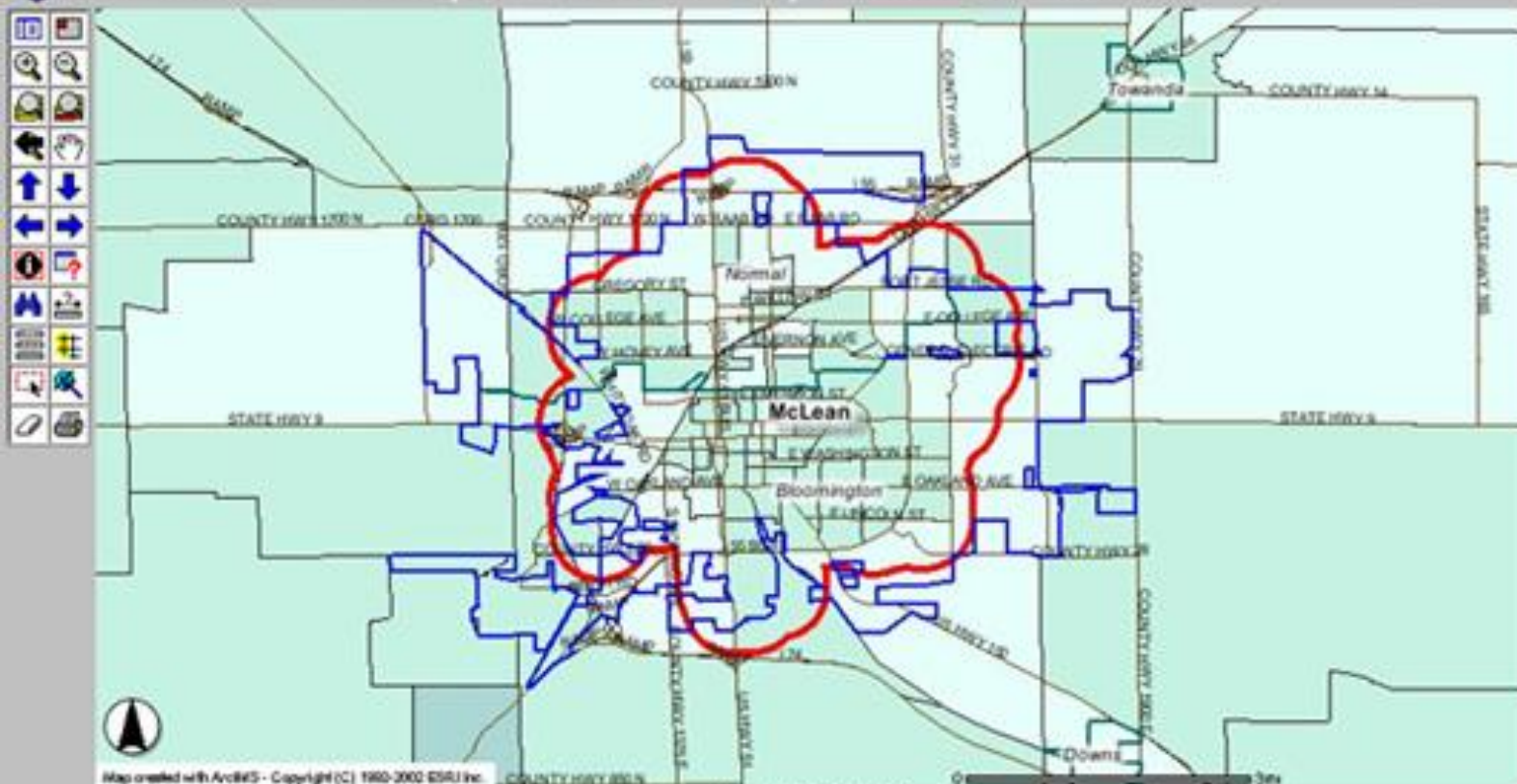
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- Geographical Information Systems (GIS) software was used to create spatial features based on the political boundaries of reported transportation provider service areas. These features were then grouped into two “coverages”: (1) public transportation providers (2) human service (specialized) transportation providers.
- Block group level socio-economic data have also been included in the GIS, along with political boundaries such as counties and municipalities, and road networks.
- Socio-economic data have been aggregated to the service area level and are included with the transportation provider coverages.



Go forward one page

# Illinois Public & Specialized Transportation Providers



## Layers

Visible Active

- ☒ ☒ HUMANSERVICES
- ☒ ☐ PUBLIC
- ☒ ☐ IL\_muni
- ☒ ☐ ctaBus
- ☒ ☐ ctalines
- ☒ ☐ ilrds
- ☒ ☐ pacerts
- ☒ ☐ IL\_counties
- ☒ ☐ BLOCKGRP\_pub1

Refresh Map

## HUMANSERVICES

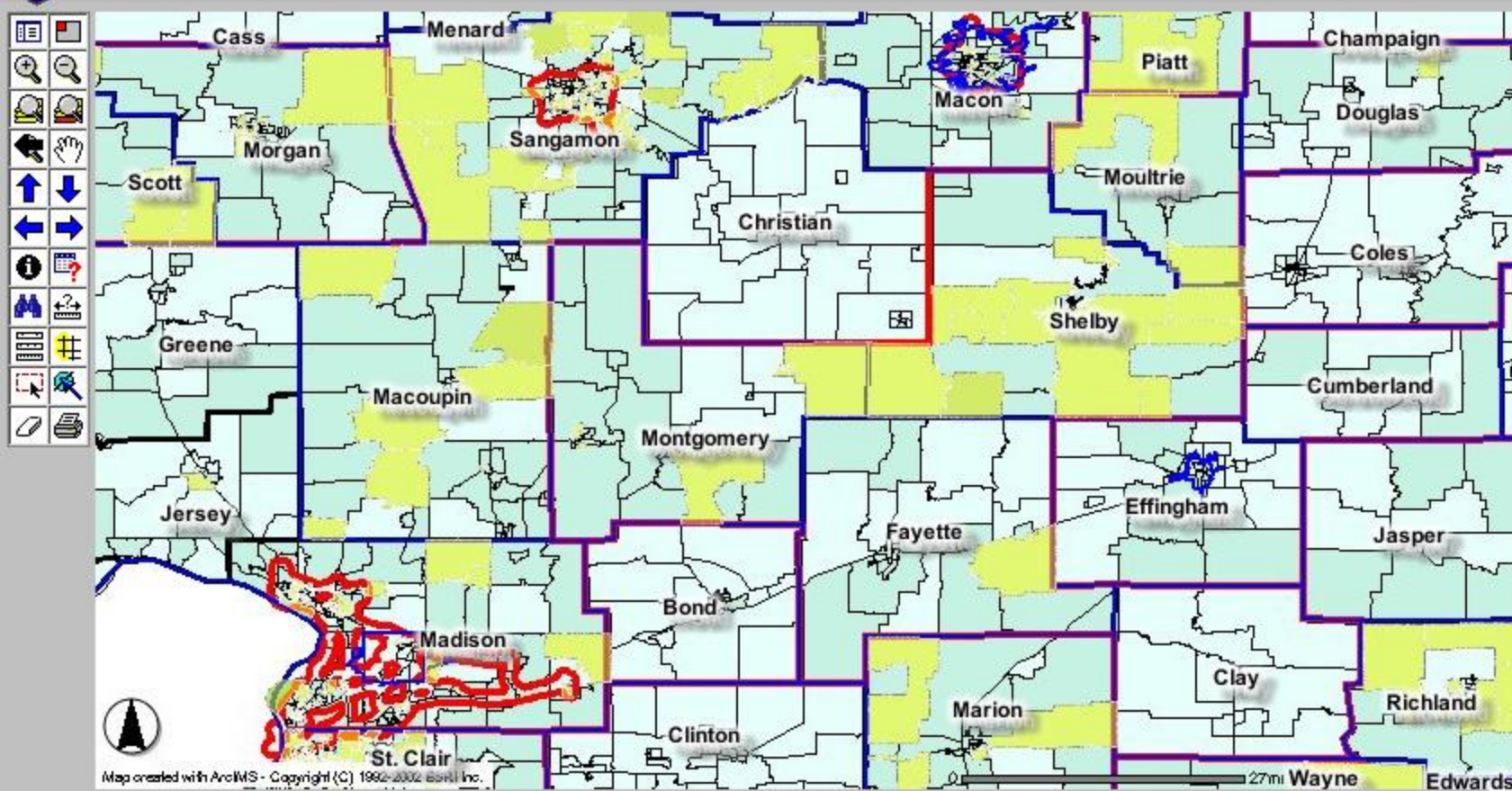
Rec	CID	PROV	G5310	CID1	AGNCY1	SRV_AREA	AGNCY2	ADA_07	TRPS	WHITE	BLACK	NATIVE	ASIAN	H
1	345	MARC CENTER - MARCFIRST	1	345	Private Nonprofit	Bloomington-Normal	Disabled Services		30000	1793	170	4	71	1
2	628	YWCA MCLEAN COUNTY	1	628	Private Nonprofit	Bloomington/Normal				1793	170	4	71	1

Identify

Done



# Illinois Paratransit Providers



### Layers

Visible Active

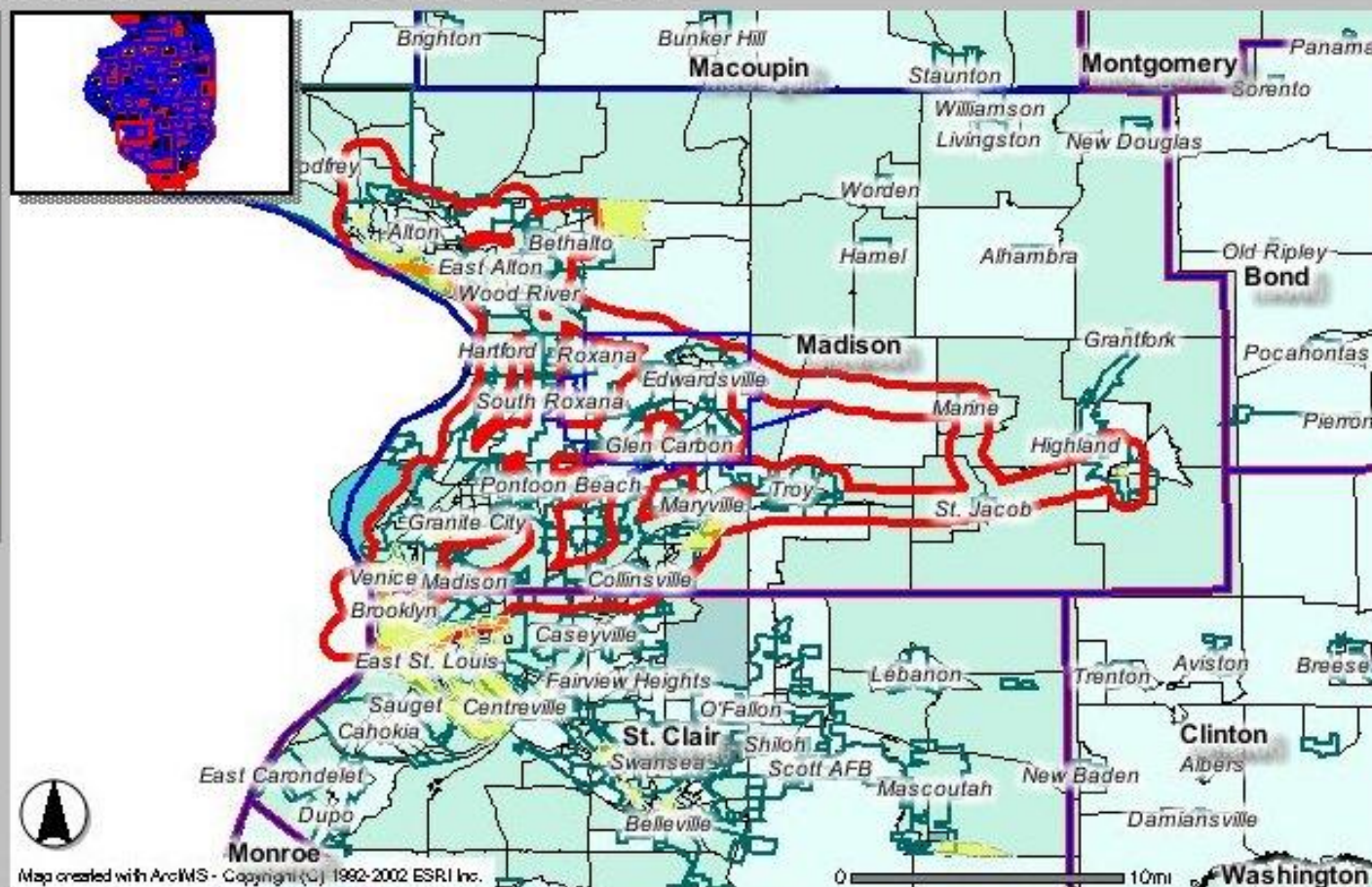
- ☒ HUMANS
- ☒ PUBLIC
- ☒ ctaBus
- ☒ ctalines
- ☒ pacerts
- ☒ IL\_counties
- ☒ BLOCKGRP

Refresh Map

Rec	AREA	BKGKEY	TOTHO	MEDINC	COUNTY	PCNDIS	BLWPOV	PVEH_0	POPSF3	P65_	DIS_65	P_MKT	#SHAPE#	#ID#
1	19.29953	172010041004	393	62396	WINNEBAGO	0.152	0.049	0	1108	132	274	0.366	[polygon]	16
2	0.33632	172010040032	394	30000	WINNEBAGO	0.226	0.241	0.035	898	243	86	0.366	[polygon]	20
3	1.16218	172010040012	379	31292	WINNEBAGO	0.148	0.075	0.019	845	138	192	0.391	[polygon]	21
4	7.65389	170978608101	704	48010	LAKE	0.133	0.059	0.03	1748	408	318	0.415	[polygon]	33



# Illinois Paratransit Providers



## Layers

Visible Active

- ☒ ☐ HUMANSERVICES
- ☒ ☐ PUBLIC
- ☒ ☐ IL\_muni
- ☒ ☐ ctaBus
- ☒ ☐ ctalines
- ☒ ☐ pacerts
- ☒ ☐ IL\_counties
- ☒ ☒ BLOCKGRP\_pub1

Refresh Map

### BLOCKGRP\_pub1

BKGKEY	TOTHOU	MEDINC	COUNTY	PCNDIS	BLWPOV	PVEH_0	POPSF3	P65_	DIS_65	P_MKT	#SHAPE#	#ID#
0978605002	464	32000	LAKE	0.309	0.161	0.065	1318	127	189	0.24	[polygon]	87
0850203003	293	22426	JO DAVIESS	0.183	0.253	0.122	616	137	46	0.297	[polygon]	105
0850203004	319	28672	JO DAVIESS	0.207	0.149	0.074	570	53	120	0.304	[polygon]	118

**Transit Dependent Population at the Block Group level** The query identifies those geographical areas that have a population of disabled, below poverty, and zero vehicle households above the state average.



# HSTP Data Needs

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- **Specific data needs identified by IDOT-DPIT also include:**

- Total Population
- Urban and Rural Population
- Age
- Race
- Households
- Persons per square mile
- Household income
- Median household income
- Per capita household income
- Poverty status & density
- Disabled population & density
- Vehicles available & zero vehicle household density
- Population growth trends (last 10 years minimum).

**These data are included in the HSTP Resource section of the website, organized by county, HSTP and RPC regions, and are available for download.**





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## **[Illinois Department of Transportation](#)**

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## **[Download Census Data by HSTP](#)**

We have made available Census 2000 county-level demographic data from SF1 and SF3 tables, data from the Economic Census, and population forecast data. This data includes households data, age cohorts, disabled populations and other data relevant to planning.

We are currently developing a block group level database containing similar demographic information.

**[Click here](#)** to view a sample county data template.

## **[Download Senior Population Projections by HSTP](#)**

We have made available county-level senior population projections from the Illinois Department of Commerce and Economic Opportunity (DCEO). These data are organized by HSTP in individual Excel spreadsheets .

**[Click here](#)** to view a sample county data template.

## **[Review Transportation Provider Lists](#)**

We compiled a list of possible Illinois transportation providers from multiple sources and geocoded the list by county, HSTP and RPC, according to the contact/service area data available. The list is intended to identify agencies who may be providing specialized transportation services within Illinois, but may not yet part of the RPC inventories. Individual RPC's can then identify those not already included in their inventories and target these for further data collection. This list can be queried and downloaded by the spatial levels named above.



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http://www.utc.uic.edu/tranpro/downloads/CountyCensus/sample.htm

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Google

📄Transportation Provider Lists

📄http://www.utc....sus/sample.htm

DEMOGRAPHIC CENSUS - 2000		http://www.utc.uic.edu/tranpro/downloads/CountyCensus/sample.htm			
County Name	Winnebago				
Geography Identifier	05000US17201				
Population					
Total	278418				
under 21	84069				
22-54	134194				
55-64	24705				
65+	35450				
Households: Total	107980				
Race					
White alone	229595				
Black or African American alone	29317				
American Indian and Alaska Native alone	797				
Asian alone	4780				
Native Hawaiian and Other Pacific Islander alone	101				
Some other race alone	8648				
Population of two or more races	5180				
Urban / Rural					
Urban	255284				
Inside urbanized areas	255284				
Inside urban clusters	0				
Rural	23134				
Disabled Population					
Age 5-15	2845				
Age 16-20	2742				
Age 21-64	28180				

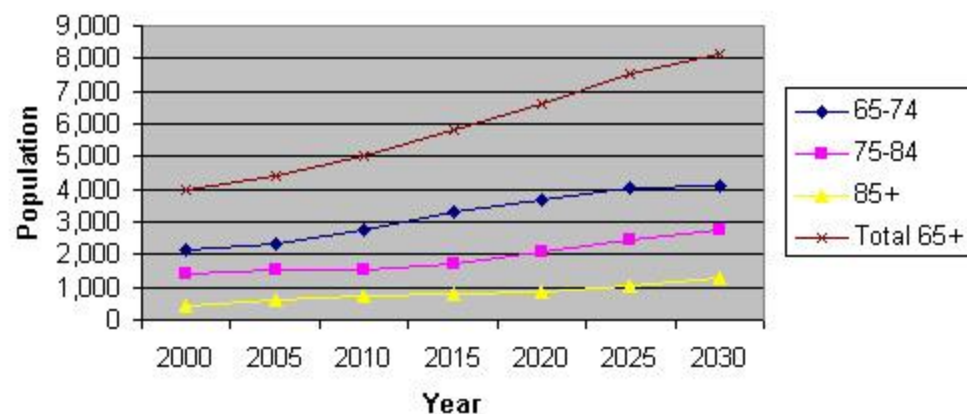
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Done

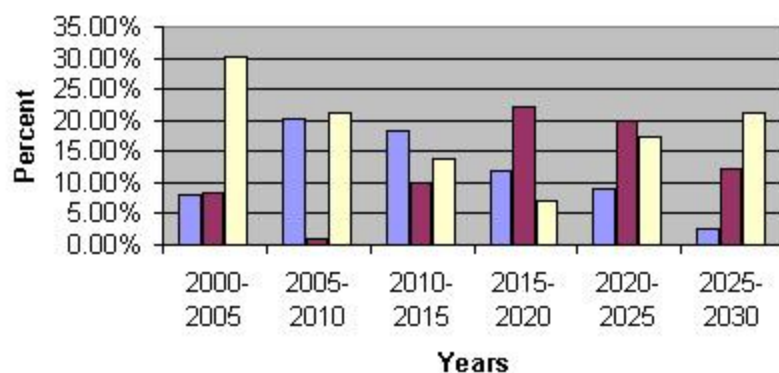


4	2,706	3,269	3,694	4,059	4,225	3,994	3,885	20.81%	13.00%	9.88%	4.09%	-5.47%	-2.73%
4	2,144	2,317	2,784	3,292	3,681	4,015	4,115	8.07%	20.16%	18.25%	11.82%	9.07%	2.49%
4	1,403	1,518	1,535	1,690	2,062	2,470	2,768	8.20%	1.12%	10.10%	22.01%	19.79%	12.06%
	459	598	725	826	885	1,038	1,259	30.28%	21.24%	13.93%	7.14%	17.29%	21.29%
al 55-85+	6,712	7,702	8,738	9,867	10,853	11,517	12,027	14.75%	13.45%	12.92%	9.99%	6.12%	4.43%
al 65+	4,006	4,433	5,044	5,808	6,628	7,523	8,142	10.66%	13.78%	15.15%	14.12%	13.50%	8.23%

**Jo Daviess County Forecasted Senior Population**



**Jo Daviess County Forecasted Senior Population  
Percentage Change**





# Potential as a Mobility Management Tool

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- System can assist in improving access to and the coordination of transportation services to senior, disabled and low-income populations.
- The system can be used as a central repository for local access to information on available transportation services.
- It can be used as a tool for planning services for individuals.
- The aggregation of regional data can assist in identifying opportunities to add and enhance services, to improve connectivity between existing local services as well as opportunities to create better connections within and between planning regions.



# System Development

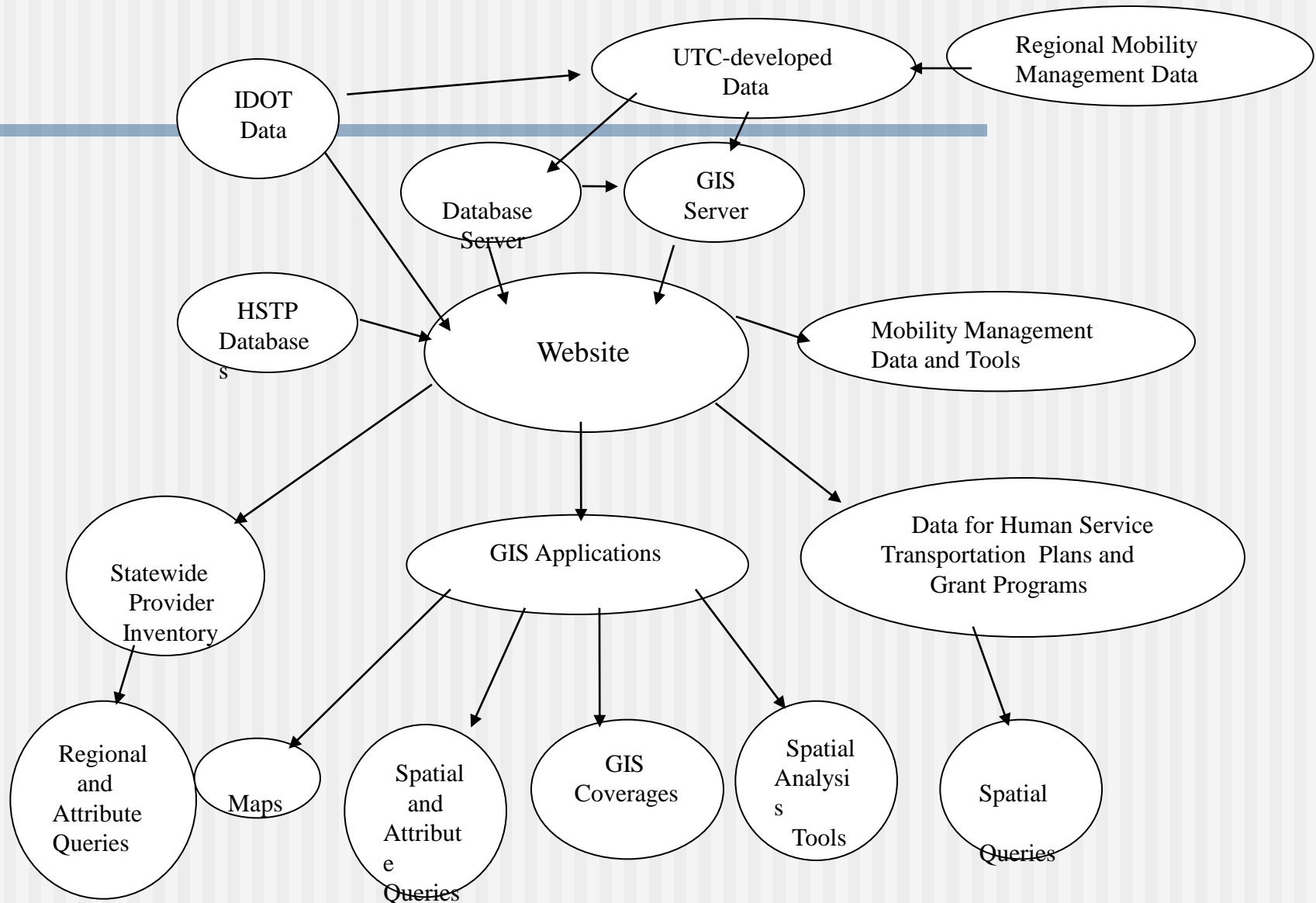
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- IDOT will have access to all levels of functionality, including specific tools customized to review data and perform analysis.
- HSTP Coordinators would be able to maintain their provider data on the server, download data needed for Human Service Transportation Plans, utilize customized queries and tools for spatial analysis, access maps, customized mapping applications and download GIS data for their own use.
- The software will be available for access by public stakeholders: social service agencies, transportation providers, agencies promoting coordination.



# TRANPRO

## Web-based Interactive Information Management System





# Future of TRANPRO

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## **Continuation of the data dissemination process between UTC, IDOT and HSTPs, and IDOA**

- Consensus on data priorities and needs will facilitate planning at regional and state levels.
- The potential for improved analysis will grow as the level of data detail and coverage increase over time.
- Protocols for data maintenance and dissemination of information will be developed further, as will interfaces with the system that facilitate data analysis.



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# Thank you for attending!

TRANPRO Website:  
<http://www.utc.uic.edu/tranpro/>

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